

# Corning® DeckWorks™ Pipet Tip System

A system solution for small volume liquid handling

CORNING



# Corning® DeckWorks™ Pipet Tip System

Corning DeckWorks pipet tip system is designed to allow you to maximize storage space and help reduce the production and waste of plastic materials. All Corning DeckWorks pipet tips are made from medical-grade resins, and are available sterilized. Nonsterile decks and racks are steam autoclavable.

The entire DeckWorks system is comprised of seven sizes of graduated pipet tips which are longer than standard tips to minimize the contamination issues often associated with traditional pipet styles. Sizes include 10, 20, 100, 200, 200 extended-length, 300, and 1,000  $\mu\text{L}$  tips.

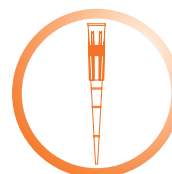
Deckwork pipet tips are manufactured in a controlled molding environment that meets the requirements of ISO 13485.

- ▶ Nonpyrogenic
- ▶ RNase-/DNase-free
- ▶ Human DNA-free
- ▶ Sterility Assurance Level (SAL) of  $10^{-3}$

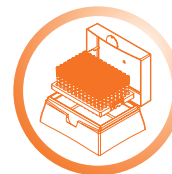
The Corning DeckWorks pipet tip system solutions includes:



Reload



Barrier tips



Racked tips



Bulk tips



Tip station

## Packaging Options

The Corning DeckWorks pipet tip system offers unparalleled options for all your liquid handling needs.



**Bulk Pack:** Loose, nonsterile tips packed in resealable bags for maximum savings.



**Reload Decks:** 8 or 10 nested decks wrapped in clear plastic for easy identification. Decks fit in open-style racks from a variety of manufacturers. No need to line up 96 holes with 96 tips.



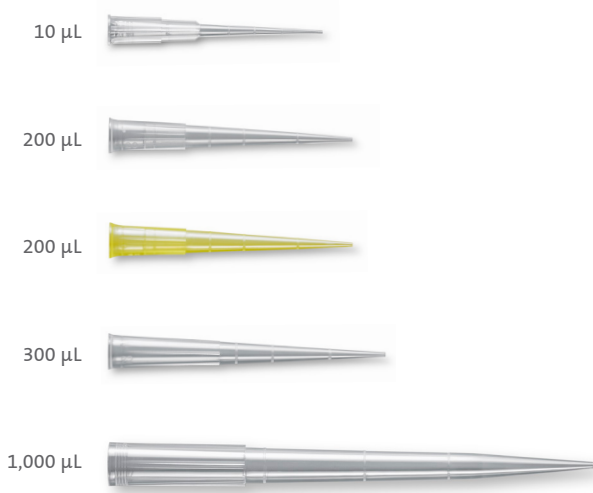
**Hinged Racks:** Robust rack design enables a stable pipetting platform. Racks are reusable, autoclavable, and stackable to save space in the lab.



**Tip Station:** Stable, nested block of 5 trays (192 tips each) in a small footprint for use where space is limited or for high-usage applications.

# Corning® DeckWorks™ Pipet Tips

## Standard Tips



## Barrier Tips



## Extended-length Tips

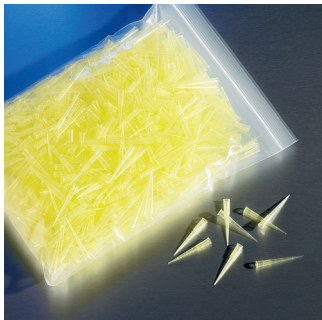
Minimize contamination issues often associated with traditional pipet tip styles.

Standard tips: 10, 300, 1,000 µL  
Barrier tips: 10, 200, 1,000 µL



## Corning DeckWorks Pipet Tips Pipettor Compatibility Guide

Cat. No.	Channels	Corning Lambda™ Plus Pipettor								Corning Lambda EliteTouch™ Pipettor									
		Single-channel					Multi-channel			Single-channel					Multi-channel				
		0.5-10 µL	2-20 µL	10-100 µL	20-200 µL	100-1000 µL	0.5-10 µL	5-50 µL	20-200 µL	50-300 µL	0.5-10 µL	2-20 µL	5-50 µL	10-100 µL	20-200 µL	100-1000 µL	0.5-10 µL	5-50 µL	10-200 µL
4125	0.1-10 µL	•					•			•						•			
4135		•					•			•						•			
4136	1-20 µL		•								•								
4137	1-100 µL			•									•						
4126	1-200 µL		•	•	•			•	•			•	•	•	•			•	•
4138					•				•					•				•	
4139					•				•					•					•
4128	1-300 µL				•			•	•					•					•
4129	100-1000 µL					•									•				
4140						•									•				



## Corning® DeckWorks™ Bulk Tips

Corning DeckWorks bulk pipet tips are compatible with DeckWorks racks, and are packaged in resealable polyethylene bags. Bulk tips are the most economical way to purchase tips.

Cat. No.	Volume Range (µL)	Color	Sterile	Tips/Pk	Tips/Cs
4110*	0.1 - 10	Natural	No	1,000	10,000
4111	1 - 200	Natural	No	1,000	10,000
4112	1 - 200	Yellow	No	1,000	10,000
4114*	100 - 1,000	Natural	No	768	7,680

## Corning DeckWorks Reload Systems

Corning DeckWorks reload systems allow for convenient and economical reloading of durable DeckWorks hinged racks. DeckWorks reload decks are packaged in transparent trays for easy tip identification, requires no transfer devices, saves space, and minimizes packaging waste. Nonsterile decks and racks are steam autoclavable.

DeckWorks low binding tips uses a proprietary low binding technology that reduces surface tension on the interior wall of the tip. Leaching and/or subsequent sample degradation associated with silicone-based tips are significantly reduced. DeckWorks low binding tips are ideal for quantitative assays in which sample binding can significantly alter results. Specific applications include accurate and precise pipetting of reagents, DNA, proteins, or peptides.



### Standard Tips

Cat. No.	Volume Range (µL)	Color	Sterile	Decks/Pk	Tips/Pk	Pk/Cs
4125*	0.1 - 10	Natural	No	10	960	4
4126	1 - 200	Natural	No	10	960	4
4127	1 - 200	Yellow	No	10	960	4
4128*	1 - 300	Natural	No	10	960	4
4129*	100 - 1,000	Natural	No	8	768	4

### Low Binding Tips

4153*	0.1 - 10	Natural	No	10	960	4
4154	1 - 200	Natural	No	10	960	4
4155*	1 - 300	Natural	No	10	960	4

### Corning DeckWorks Reload Systems Starter Kits

Corning DeckWorks starter kits contain one DeckWorks reload system with standard tips and empty hinged racks.

- 10 empty racks holds 10, 200, and 300 µL volume tips
- 8 empty racks holds 1,000 µL volume tips

Cat. No.	Volume Range (µL)	Color	Sterile	Decks/Pk	Tips/Pk	Pk/Cs
4130*	0.1 - 10	Natural	No	10	960	1
4131	1 - 200	Natural	No	10	960	1
4132	1 - 200	Yellow	No	10	960	1
4133*	1 - 300	Natural	No	10	960	1
4134*	100 - 1,000	Natural	No	8	768	1

\*Extended length design

## Corning® DeckWorks™ Hinged Rack Pipet Tips



### Standard Tips

Corning DeckWorks standard tips cover volume ranges from 0.1 - 10 µL. The 10, 300, and 1000 µL tips are extended length and allow for improved access into micro (1.5 mL) and standard conical bottom (15 and 50 mL) centrifuge tubes. Robust 96-tip racks are designed for repeated steam autoclave cycles and can be reused by removing the empty grey tip deck and replacing it with a new reload deck of 96 tips from the DeckWorks reload system. DeckWorks racked 300 µL pipet tips are designed for most popular 300 µL single- and multi-channel instruments.

Cat. No.	Volume Range (µL)	Color	Sterile	Decks/Pk	Tips/Pk	Pk/Cs
4120*	0.1 - 10	Natural	Yes	10	960	4
4115*	0.1 - 10	Natural	No	10	960	4
4121	1 - 200	Natural	Yes	10	960	4
4116	1 - 200	Natural	No	10	960	4
4122	1 - 200	Yellow	Yes	10	960	4
4117	1 - 200	Yellow	No	10	960	4
4123*	1 - 300	Natural	Yes	10	960	4
4118*	1 - 300	Natural	No	10	960	4
4124*	100 - 1,000	Natural	Yes	8	768	4
4119*	100 - 1,000	Natural	No	8	768	4

### Low Binding Tips

Proprietary low binding technology reduces surface tension on the interior wall of the tip. Leaching and/or subsequent sample degradation associated with silicone-based tips are significantly reduced. DeckWorks low binding tips are ideal for quantitative assays in which sample binding can significantly alter results. Specific applications include accurate and precise pipetting of reagents, DNA, proteins, or peptides.

Cat. No.	Volume Range (µL)	Color	Sterile	Decks/Pk	Tips/Pk	Pk/Cs
4150*	0.1 - 10	Natural	Yes	10	960	4
4147*	0.1 - 10	Natural	No	10	960	4
4151	1 - 200	Natural	Yes	10	960	4
4148	1 - 200	Natural	No	10	960	4
4152*	1 - 300	Natural	Yes	10	960	4
4149*	1 - 300	Natural	No	10	960	4

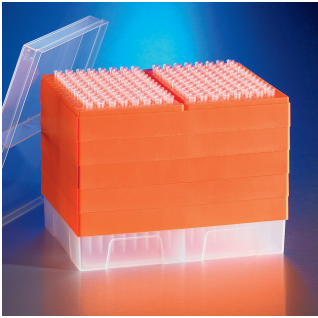
### Low Binding Barrier Tips

Corning DeckWorks low binding barrier tips feature an inert, high-density polyethylene barrier to reduce aerosol carryover contamination during critical pipetting procedures. DeckWorks low binding barrier tips will not trap liquids or inhibit PCR in the event of over pipetting.

Cat. No.	Volume Range (µL)	Color	Sterile	Decks/Pk	Tips/Pk	Pk/Cs
4135*	0.1 - 10	Natural	Yes	10	960	4
4136	1 - 20	Natural	Yes	10	960	4
4137	1 - 100	Natural	Yes	10	960	4
4138*	1 - 200	Natural	Yes	10	960	4
4139*	1 - 200	Natural	Yes	8	768	4
4140**	100 - 1,000	Natural	Yes	8	768	4

\*Extended length design

\*\*Extended length, not available in low binding



### Corning® DeckWorks™ Tip Station

Corning DeckWorks tip station maximizes bench space while minimizing plastic waste. Tip stations contain 960 tips, are available in extended-length (10 µL) and traditional (200 µL) sizes, and are the ideal single- and multi-channel pipetting stations. The 5-layer deck design (2 x 96) matches the microtiter plate format. This stable pipetting platform fits easily into sterile hood environments. Lids can be snap-positioned to expose a single side (96 tips) only. Applications include pre- and post-PCR procedures, cell culture, and assays requiring large tip quantities. DeckWorks tip stations are offered in both sterile and nonsterile format.

Cat. No.	Volume Range (µL)	Color	Sterile	Tips/Pk	Pk/Cs
4141*	0.1 - 10	Natural	No	960	5
4143*	0.1 - 10	Natural	Yes	960	5
4142	1 - 200	Natural	No	960	5
4144	1 - 200	Natural	Yes	960	5

\*Extended length design

### Related Products

#### Corning Lambda™ Plus Single-channel, 8- and 12-channel Pipettors

Corning Lambda Plus Pipettors have been engineered to provide the highest levels of accuracy, reproducibility, and comfort. They feature smooth plunger movement and extremely low pipetting forces. A key is included with each pipettor for easy in-house calibration. Autoclavable. 3-year warranty.



Cat. No.	Volume Range (µL)	Channels	Accuracy (%)	Precision (%)	Non-filtered Tips (µL)	Qty/Cs
4070	0.1 - 2.0	1	±40.0 to ±1.5	≤12.0 to ≤0.7	10	1
4071	0.5 - 10	1	±4.0 to ±0.5	≤2.8 to ≤0.4	10	1
4072	2 - 20	1	±3.0 to ±0.8	≤1.5 to ≤0.3	200	1
4073	10 - 100	1	±1.6 to ±0.8	≤0.8 to ≤0.2	200	1
4074	20 - 200	1	±1.2 to ±0.6	≤0.6 to ≤0.2	200	1
4075	100 - 1,000	1	±1.6 to ±0.6	≤0.40 to ≤0.15	1,000	1
4080	0.5 - 10	8	±10.0 to ±2.0	≤8.0 to ≤1.2	10	1
4081	5 - 50	8	±4.0 to ±1.6	≤2.5 to ≤0.6	200	1
4082	20 - 200	8	±3.0 to ±1.0	≤1.5 to ≤0.6	200/300	1
4083	50 - 300	8	±1.6 to ±1.0	≤1.5 to ≤0.6	300	1
4084	0.5 - 10	12	±10.0 to ±2.0	≤8.0 to ≤1.2	10	1
4085	5 - 50	12	±4.0 to ±1.6	≤2.5 to ≤0.6	200	1
4086	20 - 200	12	±3.0 to ±1.0	≤1.5 to ≤0.6	200/300	1
4087	50 - 300	12	±1.6 to ±1.0	≤1.5 to ≤0.6	300	1

#### Corning Lambda Plus Starter Kit

Cat. No.	Description	Qty/Cs
4069	Corning Lambda Plus Starter Kit Includes: Four single-channel pipettors: 0.5 to 10 µL (Cat. No. 4071), 2 to 20 µL (Cat. No. 4072), 20 to 200 µL (Cat. No. 4074), 100 to 1000 µL (Cat. No. 4075); Universal carousel rack for six single-channel pipettors (Cat. No. 4078); Corning DeckWorks pipet tips: 10 µL (Cat. No. 4115), 200 µL (Cat. No. 4116), 1000 µL (Cat. No. 4119)	1



### Corning® Lambda™ EliteTouch™ Single-channel, 8- and 12-channel Pipettors

Lambda EliteTouch pipettors have been engineered to provide the highest levels of comfort, accuracy, and precision. The lightweight construction, contoured handle, and 4-digit counter were designed to ensure comfortable pipetting.

Cat. No.	Volume Range (µL)	Channels	Accuracy (%)	Precision (%)	Non-filtered Tips (µL)	Qty/Cs
6050	0.1 - 2	1	±40.0 to ±1.5	≤12.0 to ≤0.7	10	1
6051	0.5 - 10	1	±4.0 to ±1.0	≤2.8 to ≤0.4	10	1
6052	2 - 20	1	±3.5 to ±0.8	≤1.5 to ≤0.3	200	1
6053	5 - 50	1	±3.5 to ±0.8	≤1.3 to ≤0.3	200	1
6054	10 - 100	1	±3.0 to ±0.8	≤1.0 to ≤0.2	200	1
6055	20 - 200	1	±2.0 to ±0.6	≤0.7 to ≤0.2	200	1
6056	100 - 1000	1	±2.5 to ±0.6	≤0.6 to ≤0.2	1000	1
6057	0.5 - 10	8	±10.0 to ±2.0	≤8.0 to ≤1.2	10	1
6058	5 - 50	8	±4.0 to ±1.6	≤2.5 to ≤0.6	200	1
6059	10 - 200	8	±5.0 to ±1.0	≤3.0 to ≤0.6	200/300	1
6060	30 - 300	8	±3.0 to ±1.0	≤1.5 to ≤0.6	300	1
6061	0.5 - 10	12	±10.0 to ±2.0	≤8.0 to ≤1.2	10	1
6062	5 - 50	12	±4.0 to ±1.6	≤2.5 to ≤0.6	200	1
6063	10 - 200	12	±5.0 to ±1.0	≤3.0 to ≤0.6	200/300	1
6064	30 - 300	12	±3.0 to ±1.0	≤1.5 to ≤0.6	300	1



### Corning Lambda EliteTouch Starter Kit

Cat. No.	Description	Qty/Cs
6065	Corning Lambda EliteTouch Starter Kit Includes: Four single-channel pipettors: 0.5 to 10 µL (Cat. No. 6051), 2 to 20 µL (Cat. No. 6052), 20 to 200 µL (Cat. No. 6055), 100 to 1000 µL (Cat. No. 6056); universal linear stand for four single-channel pipettors (Cat. No. 6066); Corning DeckWorks pipet tips: 10 µL (Cat. No. 4115), 200 µL (Cat. No. 4116), 1000 µL (Cat. No. 4119); 3 colored pushbuttons (4 sets)	1



### Accessories for Corning Lambda Plus and EliteTouch Pipettors

Cat. No.	Description	Qty/Cs
4088	Pipettor stand for one single-channel, 8- or 12-channel pipettor	1
6066	Universal linear stand, orange, for four pipettors (four single-channel, two 8- or 12-channel pipettors)	1
6067	Universal linear stand, transparent, for four pipettors (four single-channel, two 8- or 12-channel pipettors)	1
6068	Universal linear stand, transparent, for six pipettors (six single-channel, three 8- or 12-channel pipettors)	1
4078	Universal carousel rack for six Lambda Plus single-channel pipettors	1
4079	Universal linear rack for six Lambda Plus single- and multi-channel pipettors	1
6069	Carousel stand for six Lambda EliteTouch single-channel pipettors 12-channel pipettors)	1

**Warranty/Disclaimer:** Unless otherwise specified, all products are for research use or general laboratory use only.\* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. \*For a listing of US medical devices, regulatory classifications or specific information on claims, visit [www.corning.com/resources](http://www.corning.com/resources).

*Corning's products are not specifically designed and tested for diagnostic testing. Many Corning products, though not specific for diagnostic testing, can be used in the workflow and preparation of the test at the customers discretion. Customers may use these products to support their claims. We cannot make any claims or statements that our products are approved for diagnostic testing either directly or indirectly. The customer is responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of their intended application.*

# CORNING

Corning Incorporated  
Life Sciences

[www.corning.com/lifesciences](http://www.corning.com/lifesciences)

## NORTH AMERICA

t 800.492.1110

t 978.442.2200

## ASIA/PACIFIC

### Australia/New Zealand

t 61 427286832

### Chinese Mainland

t 86 21 3338 4338

## India

t 91 124 4604000

## Japan

t 81 3-3586 1996

## Korea

t 82 2-796-9500

## Singapore

t 65 6572-9740

## Taiwan

t 886 2-2716-0338

## EUROPE

CSEurope@corning.com

## France

t 0800 916 882

## Germany

t 0800 101 1153

## The Netherlands

t 020 655 79 28

## United Kingdom

t 0800 376 8660

## All Other European Countries

t +31 (0) 206 59 60 51

## LATIN AMERICA

grupoLA@corning.com

## Brazil

t 55 (11) 3089-7400

## Mexico

t (52-81) 8158-8400